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PTO/SB/05 (06-03)  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53 (b))

|                        |                                                    |
|------------------------|----------------------------------------------------|
| Attorney Docket No.    | 81634/6776                                         |
| First Inventor         | Daniel J. Rachlin                                  |
| Title                  | Reflective Substrate and Algorithms for 3D Biochip |
| Express Mail Label No. | EV 322440679 US                                    |

**APPLICATION ELEMENTS**  
See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Mail Stop Patent Application  
Commissioner For Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 18]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
5. Oath or Declaration [Total Pages 3]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☒ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application Nos.: \_\_\_\_\_

Prior application information:

Examiner

Group Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number

22242

OR ☐ Correspondence address below

|         |                                    |           |              |          |              |
|---------|------------------------------------|-----------|--------------|----------|--------------|
| Name    | Fitch, Even, Tabin & Flannery      |           |              |          |              |
| Address | 120 S. La Salle Street, Suite 1600 |           |              |          |              |
| City    | Chicago                            | State     | IL           | Zip Code | 60603-3406   |
| Country | USA                                | Telephone | 858-552-1311 | Fax      | 858-552-0095 |

|                   |                   |                                   |          |
|-------------------|-------------------|-----------------------------------|----------|
| Name (Print/Type) | James J. Schumann | Registration No. (Attorney/Agent) | 20,856   |
| Signature         |                   | Date                              | 09/16/03 |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-880-PTO-9199 and select option 2.

22141 U.S. PTO  
10/664218  
09/16/03

|                                                                                                                                                                             |  |                          |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------|--------------------------------|
| <h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2003</h2> <p style="margin: 0; font-size: small;">Patent fees are subject to annual revision.</p> |  | <b>Complete if Known</b> |                                |
|                                                                                                                                                                             |  | Application Number       | TBD                            |
|                                                                                                                                                                             |  | Filing Date              | September 16, 2003             |
|                                                                                                                                                                             |  | First Named Inventor     | Daniel J. Rachlin              |
|                                                                                                                                                                             |  | Examiner Name            |                                |
|                                                                                                                                                                             |  | Art Unit                 |                                |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27                                                                                   |  |                          |                                |
| TOTAL AMOUNT OF PAYMENT                                                                                                                                                     |  | (\$375.00)               | Attorney Docket No. 81634/6776 |

| <b>METHOD OF PAYMENT (check all that apply)</b><br><input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None<br><input checked="" type="checkbox"/> Deposit Account<br><div style="margin-top: 5px;">                 Deposit Account Number: 06-1135<br/>                 Deposit Account Name: Fitch, Even, Tabin &amp; Flannery             </div> <p>The Commissioner is authorized to: (check all that apply)</p> <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments<br><input type="checkbox"/> Charge any additional fee(s) during the pendency of this application<br><input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account | <b>FEE CALCULATION (continued)</b><br><b>3. ADDITIONAL FEES</b> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="6">Other fee (specify) _____</td></tr> <tr> <td colspan="4" style="text-align: right;"><b>Subtotal (1)</b></td> <td>(\$375.00)</td> <td></td> </tr> </tbody> </table> | Large Entity |          | Small Entity                                                               |          | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath |  | 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet |  | 1053 | 130 | 1053 | 130 | Non-English specification |  | 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination |  | 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action |  | 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action |  | 1251 | 110 | 2251 | 55 | Extension for reply within first month |  | 1252 | 410 | 2252 | 205 | Extension for reply within second month |  | 1253 | 930 | 2253 | 465 | Extension for reply within third month |  | 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month |  | 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month |  | 1401 | 320 | 2401 | 160 | Notice of Appeal |  | 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal |  | 1403 | 280 | 2403 | 140 | Request for oral hearing |  | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding |  | 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable |  | 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional |  | 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) |  | 1502 | 470 | 2502 | 235 | Design issue fee |  | 1503 | 630 | 2503 | 315 | Plant issue fee |  | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner |  | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) |  | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt |  | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) |  | 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37 CFR § 1.129(b)) |  | 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) |  | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |  | Other fee (specify) _____ |  |  |  |  |  | <b>Subtotal (1)</b> |  |  |  | (\$375.00) |  |
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------------|--|------|----|------|----|--------------------------------------------------------|--|------|-----|------|-----|---------------------------|--|------|-------|------|-------|-------------------------------------------------|--|------|------|------|------|--------------------------------------------------------|--|------|--------|------|--------|-----------------------------------------------------|--|------|-----|------|----|----------------------------------------|--|------|-----|------|-----|-----------------------------------------|--|------|-----|------|-----|----------------------------------------|--|------|-------|------|-----|-----------------------------------------|--|------|-------|------|-----|----------------------------------------|--|------|-----|------|-----|------------------|--|------|-----|------|-----|----------------------------------------|--|------|-----|------|-----|--------------------------|--|------|-------|------|-------|-----------------------------------------------|--|------|-----|------|----|----------------------------------|--|------|-------|------|-----|------------------------------------|--|------|-------|------|-----|--------------------------------|--|------|-----|------|-----|------------------|--|------|-----|------|-----|-----------------|--|------|-----|------|-----|-------------------------------|--|------|----|------|----|-------------------------------------|--|------|-----|------|-----|-------------------------------------------|--|------|----|------|----|----------------------------------------------------------------------------|--|------|-----|------|-----|---------------------------------------------------------------|--|------|-----|------|-----|------------------------------------------------------------------|--|------|-----|------|-----|-----------------------------------------|--|------|-----|------|-----|-----------------------------------------------------------|--|---------------------------|--|--|--|--|--|---------------------|--|--|--|------------|--|
| Large Entity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Small Entity |          | Fee Description                                                            | Fee Paid |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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| Fee Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Fee (\$)                                                                                                                              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 |  |                     |  |  |  |            |  |
| 1051                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2051         | 65       | Surcharge - late filing fee or oath                                        |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                               |  |      |     |      |     |                                                                  |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                     |  |  |  |            |  |
| 1052                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                               |  |      |     |      |     |                                                                  |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                     |  |  |  |            |  |
| 1053                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1053         | 130      | Non-English specification                                                  |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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 |  |                     |  |  |  |            |  |
| 1812                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2,520                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1812         | 2,520    | For filing a request for ex parte reexamination                            |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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 |  |                     |  |  |  |            |  |
| 1804                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 920*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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 |  |                     |  |  |  |            |  |
| 1805                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1,840*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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 |  |                     |  |  |  |            |  |
| 1251                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2251         | 55       | Extension for reply within first month                                     |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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 |  |                     |  |  |  |            |  |
| 1252                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 410                                                                                                                                   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       |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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 |  |                     |  |  |  |            |  |
| 1253                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 930                                                                                                                                   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       |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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 |  |                     |  |  |  |            |  |
| 1254                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1,450                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2254         | 725      | Extension for reply within fourth month                                    |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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 |  |                     |  |  |  |            |  |
| 1255                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1,970                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2255         | 985      | Extension for reply within fifth month                                     |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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 |  |                     |  |  |  |            |  |
| 1401                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 320                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2401         | 160      | Notice of Appeal                                                           |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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 |  |                     |  |  |  |            |  |
| 1402                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 320                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2402         | 160      | Filing a brief in support of an appeal                                     |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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 |  |                     |  |  |  |            |  |
| 1403                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 280                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2403         | 140      | Request for oral hearing                                                   |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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 |  |                     |  |  |  |            |  |
| 1451                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1,510                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1451         | 1,510    | Petition to institute a public use proceeding                              |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                               |  |      |     |      |     |                                                                  |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                     |  |  |  |            |  |
| 1452                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2452         | 55       | Petition to revive - unavoidable                                           |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                               |  |      |     |      |     |                                                                  |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                     |  |  |  |            |  |
| 1453                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1,300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2453         | 650      | Petition to revive - unintentional                                         |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                               |  |      |     |      |     |                                                                  |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                     |  |  |  |            |  |
| 1501                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1,300                                                                                                                                 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       |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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| 1502                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 470                                                                                                                                   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       |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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| 1503                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 630                                                                                                                                   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| 1460                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 130                                                                                                                                   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       |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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| 1807                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1807         | 50       | Processing fee under 37 CFR 1.17(q)                                        |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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 |  |                     |  |  |  |            |  |
| 1806                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 180                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1806         | 180      | Submission of Information Disclosure Stmt                                  |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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| 8021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8021         | 40       | Recording each patent assignment per property (times number of properties) |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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 |  |                     |  |  |  |            |  |
| 1809                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 750                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2809         | 375      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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| 1810                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 750                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2810         | 375      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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| 1801                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 750                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2801         | 375      | Request for Continued Examination (RCE)                                    |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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 |  |                     |  |  |  |            |  |
| 1802                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 900                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1802         | 900      | Request for expedited examination of a design application                  |          |                 |          |          |          |          |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                              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| Other fee (specify) _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                       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 |  |                     |  |  |  |            |  |
| <b>Subtotal (1)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                       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|---------------------|-------------------|-----------------------------------|--------|-----------|--------------|
| <b>SUBMITTED BY</b> |                   | <b>Complete (if applicable)</b>   |        |           |              |
| Name (Print/Type)   | James J. Schumann | Registration No. (Attorney/Agent) | 20,856 | Telephone | 858-552-1311 |
| Signature           |                   |                                   |        | Date      | 09/16/03     |

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**NONPUBLICATION REQUEST  
UNDER  
35 U.S.C. 122(b)(2)(B)(I)**

|                        |                                                    |  |
|------------------------|----------------------------------------------------|--|
| First Named Inventor   | Daniel J. Rachlin                                  |  |
| Title                  | Reflective Substrate and Algorithms for 3D Biochip |  |
| Attorney Docket Number | 81634/6776                                         |  |

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

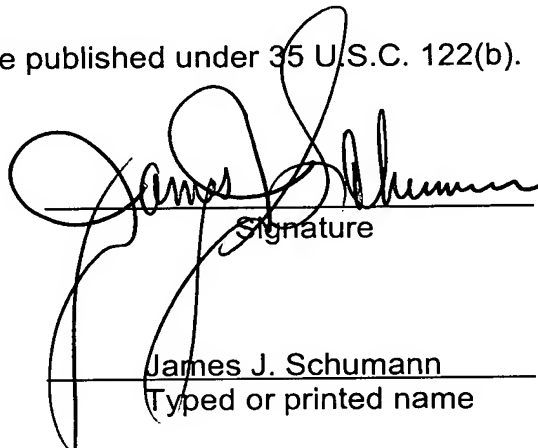
I hereby request that the attached application not be published under 35 U.S.C. 122(b).

September 16, 2003

Date

858.552.1311

Telephone Number

  
Signature

James J. Schumann  
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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